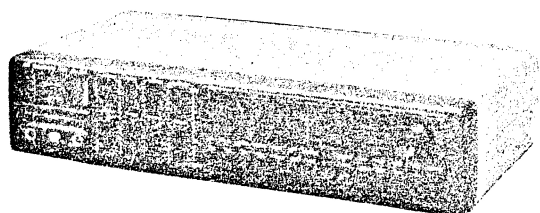




SERVICE MANUAL

LW/MW/SW/FM HI-FI STEREO RECEIVER MODEL TFS-300



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Tel. (0211) 65 30 81, TX 858 6768

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Teleton House, Waterhouse Lane.
Chelmsford/Essex
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2200 Borgerhout
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Marconiweg 10, Vianen
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Switzerland: TRANSACO AG
Kanzleistrasse 126, 8004 Zurich
Tel. 39 45 60/23 50 40, TX 52 362

EXPLODED VIEW

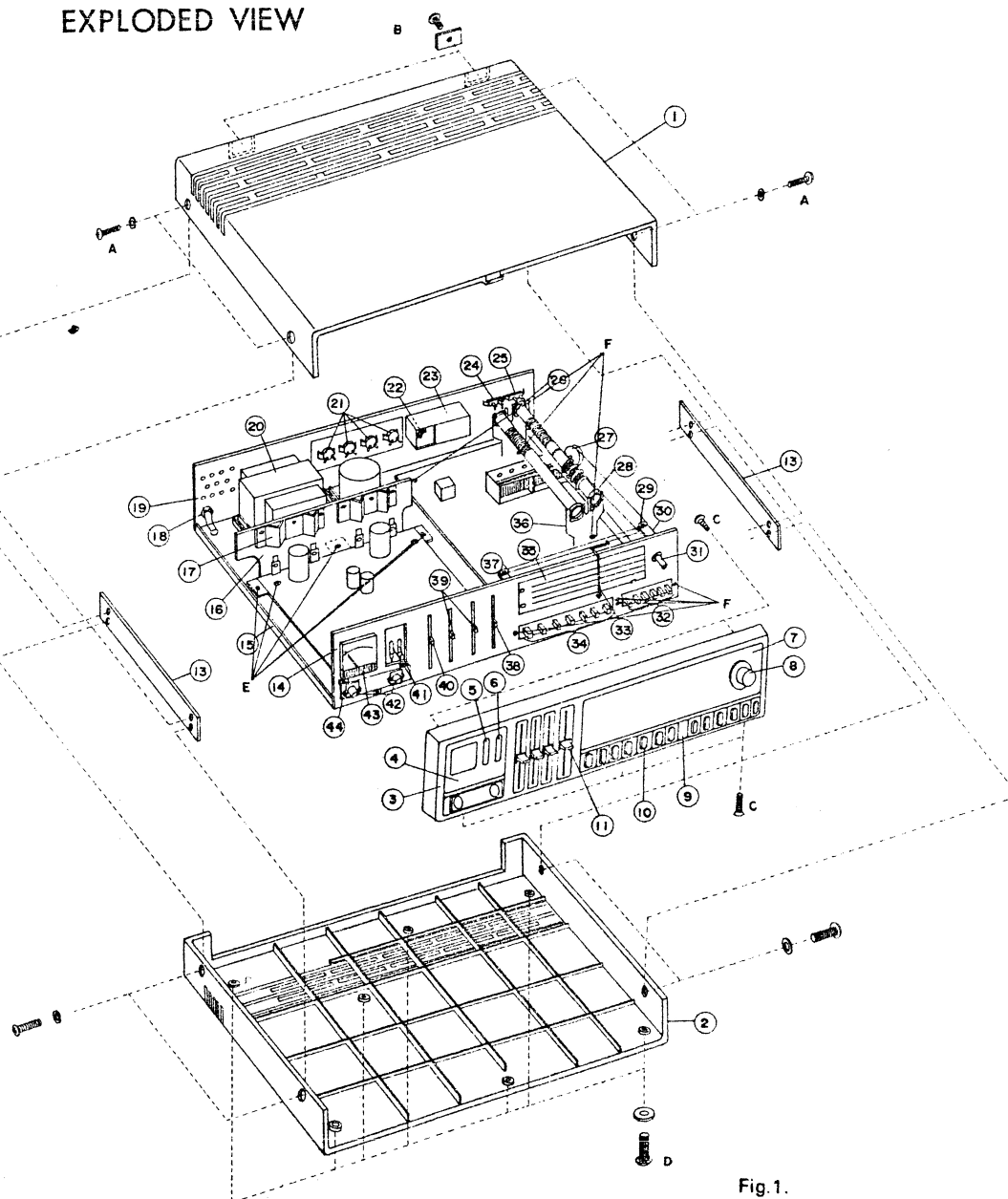


Fig. 1.

CABINET AND P.C.B. REMOVAL (Fig. 1)

1. Remove four screws on the top cabinet side. (A)
2. Remove two screws on the cabinet rear. (B)
3. Pull backward top cabinet.
4. Pull off tuning knob (8) and slide knobs (11), and remove five screws on the frontpanel (C), then the frontpanel can be removed.
5. Remove seven screws on the bottom of the cabinet (D), then the lower cabinet can be removed.
6. Remove five screws to detach the audio P.C.B. (E)
7. Remove seven screws to detach the radio P.C.B. (F)

The diagram illustrates the mechanical arrangement of the dial cord. A cord is wound three times around the tuning shaft, indicated by the label "3 TURNS". The cord then passes over a pulley and is attached to the dial pointer, labeled "5 DIAL POINTER". Another part of the cord is connected to the drum, which is labeled "DRUM". The drum is shown with a comb-like structure. The diagram also includes a label "PULLY" at the top left and "TUNING SHAFT" at the bottom center. Arrows indicate the direction of cord movement and rotation.

PHONO P.C.BOARD

1. Turn the Variable Capacitor fully in.
2. Attach dial string to bolt on drum.
3. Rout dial string as shown in figure.
4. Winde remaining string around drum and hook spring over bolt on drum.
5. Attach dialpointer to far left.

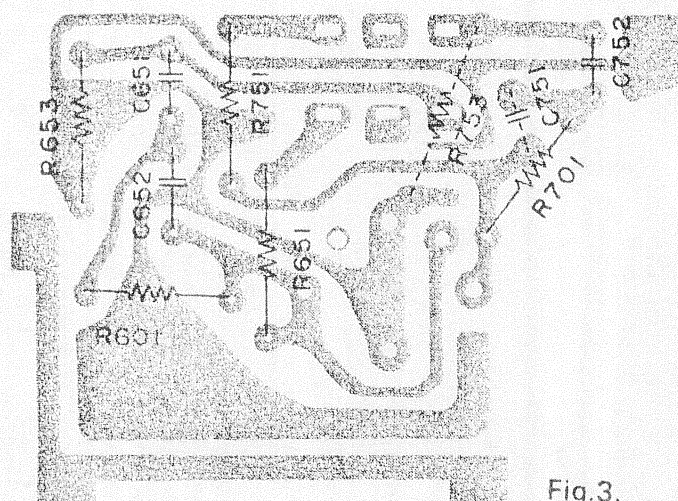


Fig.3.

AUDIO AMP. P.C.BOARD

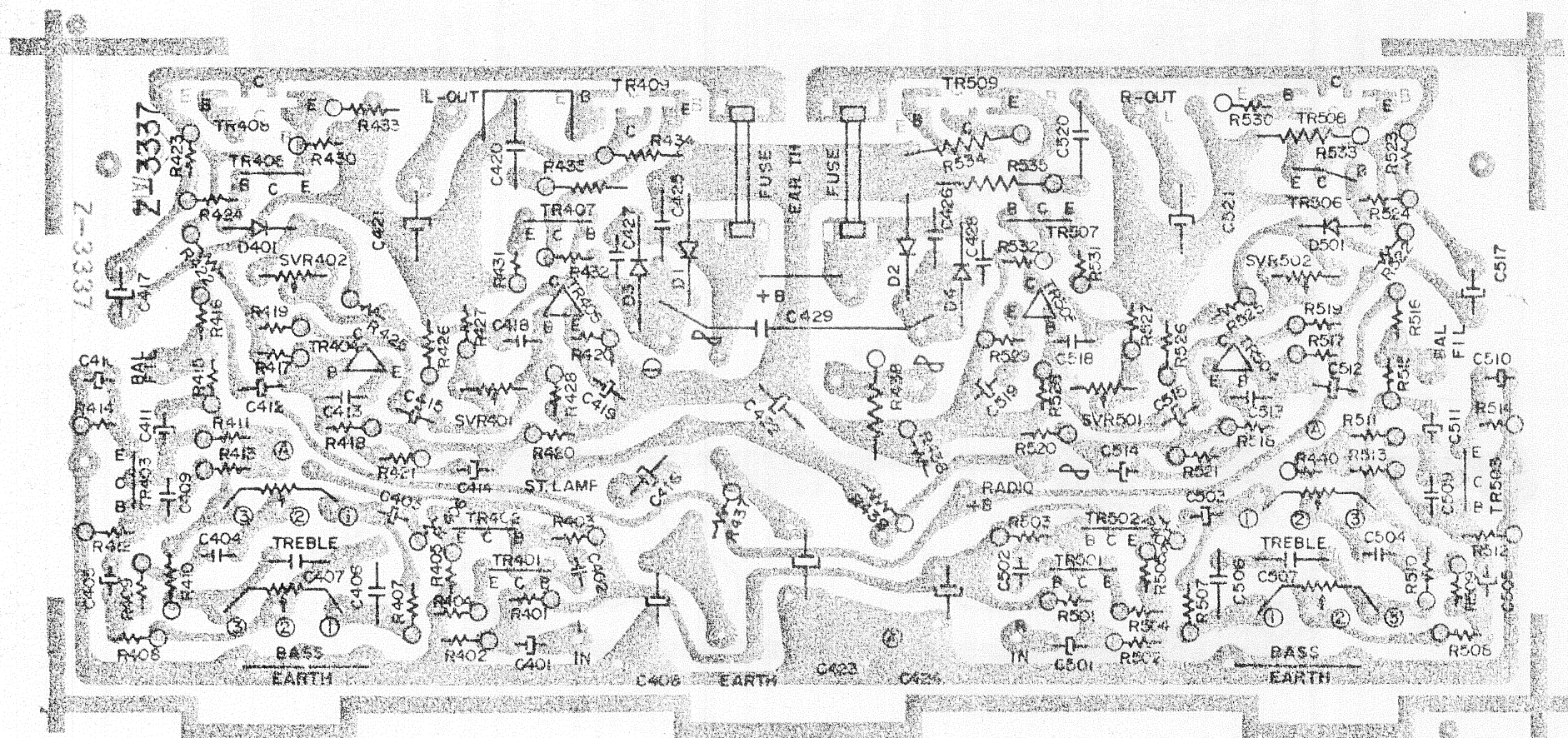


Fig.4.

LAMP P.C.BOARD

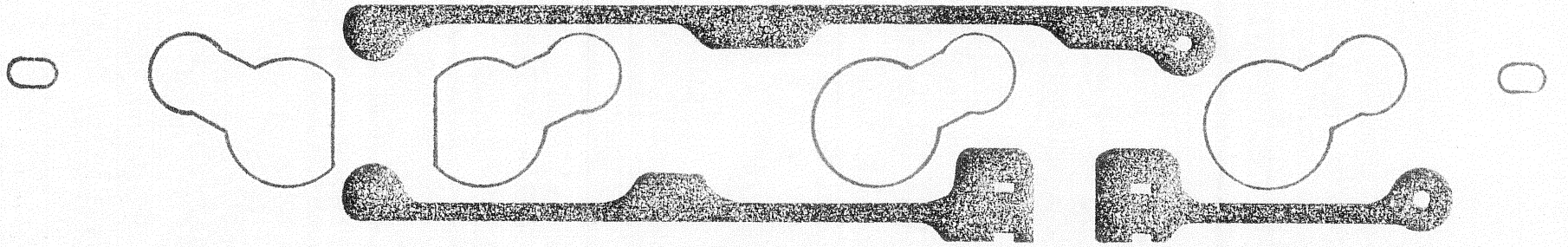


Fig 5.

RADIO P.C.BOARD

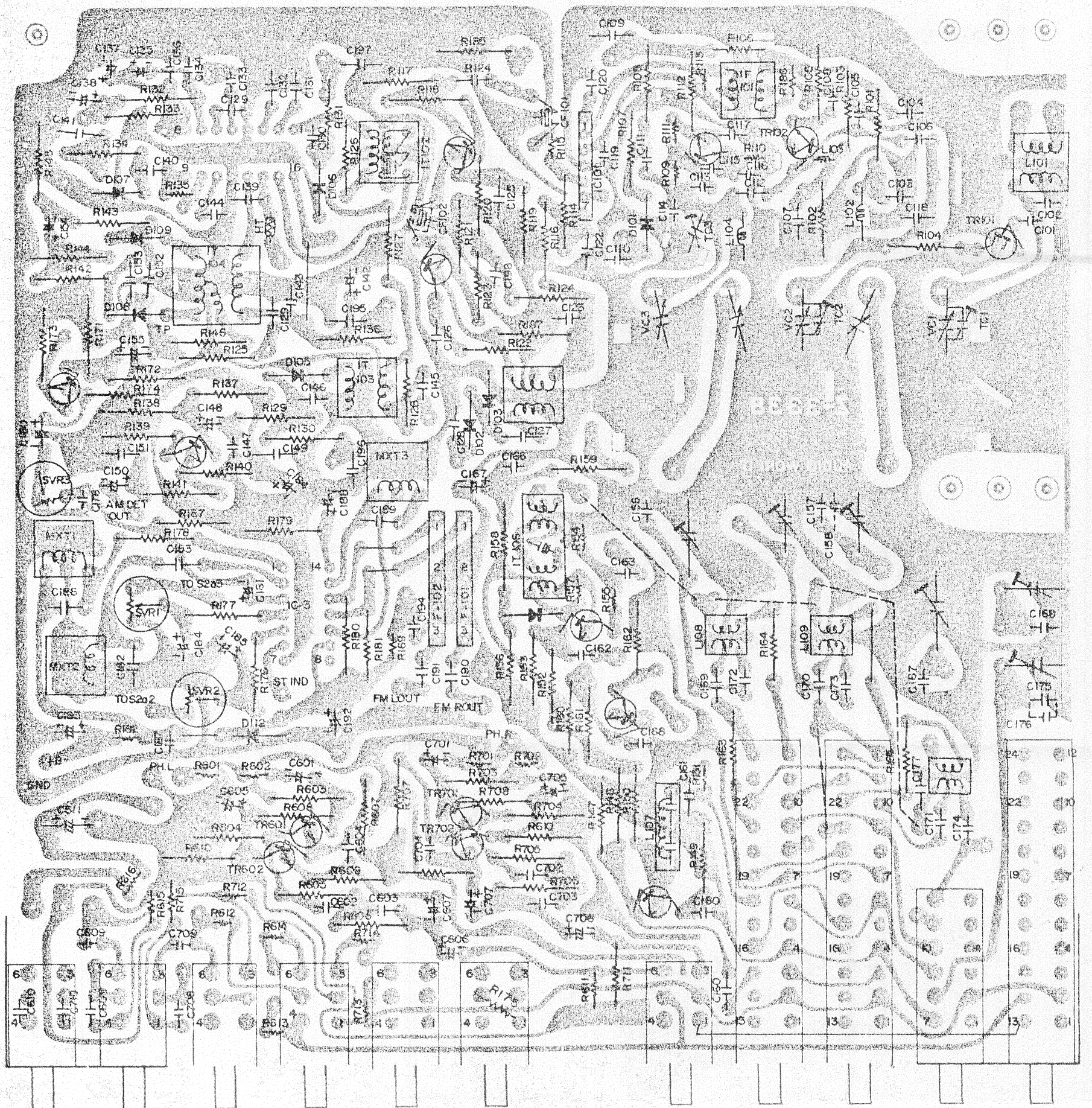
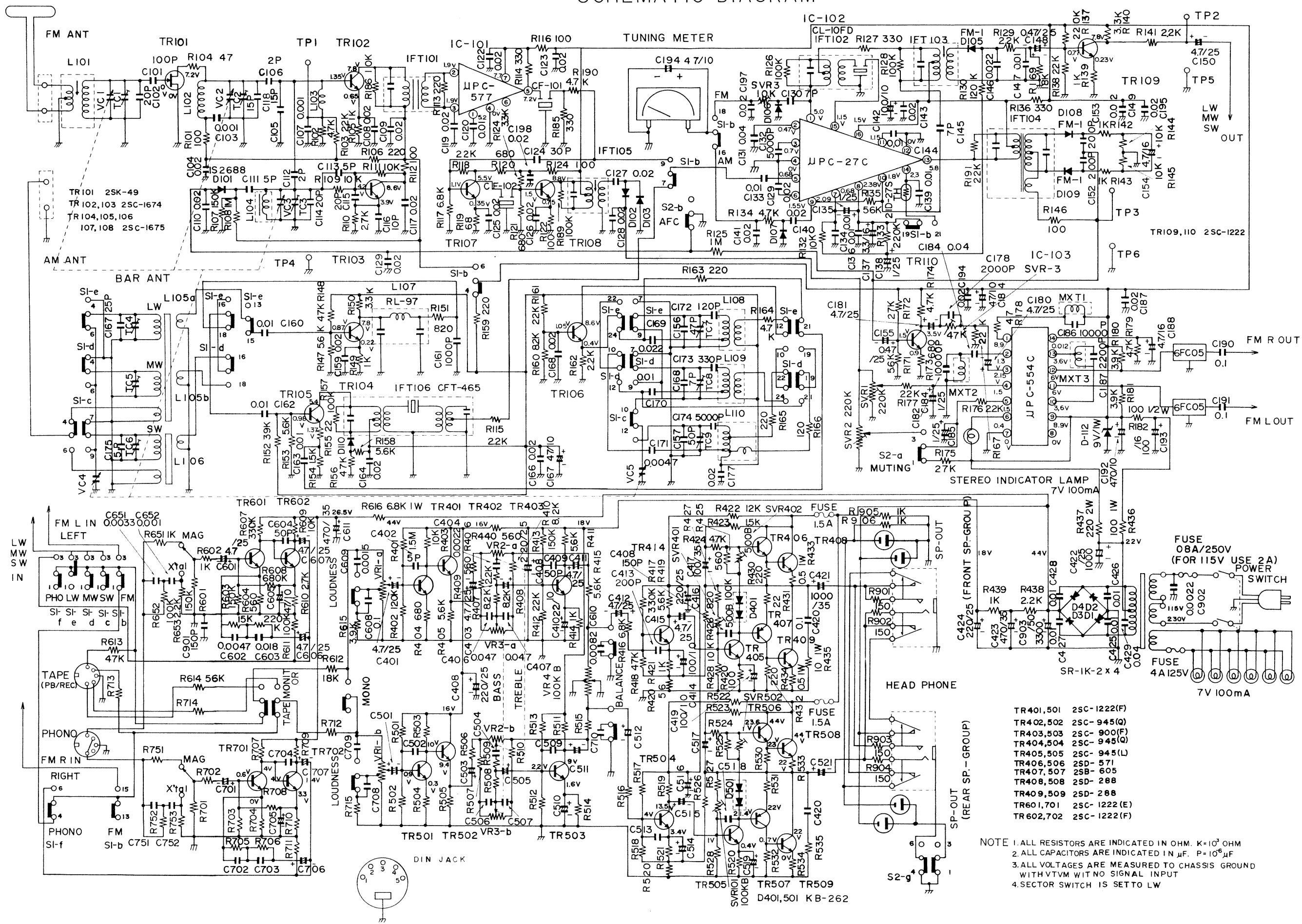


Fig 6.

SCHEMATIC DIAGRAM



TR401,501	2SC-1222(F)
TR402,502	2SC-945(Q)
TR403,503	2SC-900(F)
TR404,504	2SC-945(Q)
TR405,505	2SC-945(L)
TR406,506	2SD-571
TR407,507	2SB-605
TR408,508	2SD-288
TR409,509	2SD-288
TR601,701	2SC-1222(E)
TR602,702	2SC-1222(F)

NOTE 1. ALL RESISTORS ARE INDICATED IN OHM. K=10³ OHM
 2. ALL CAPACITORS ARE INDICATED IN μF. P=10⁶ μF
 3. ALL VOLTAGES ARE MEASURED TO CHASSIS GROUND
 WITH VTVM WITH NO SIGNAL INPUT
 4. SECTOR SWITCH IS SET TO LW